

IN THE CLAIMS:

Please cancel claims 57-72, 76-78 and 87-89 and amend the claims as follows:

1. (Previously Presented) A method of expanding tubing, the method comprising:

locating an expansion device in tubing to be expanded;

creating a vibration with fluid flowing through at least one of the expansion device and the tubing;

vibrating at least one of the tubing and the expansion device; and

translating the expansion device relative to the tubing.

2. (Previously Presented) The method of claim 1, wherein the vibration of at least one of the tubing and the expansion device is selected to reduce friction between the tubing and the device.

3. (Original) The method of claim 2, wherein the vibration of at least one of the expansion device and the tubing is selected to substantially avoid static friction between contacting surfaces of the expansion device and the tubing.

4. (Original) The method of claim 1, wherein a driving force is applied to translate the expansion device through the tubing.

5. (Original) The method of claim 4, wherein the driving force remains substantially constant as the expansion device is translated through the tubing.

6. (Currently Amended) The method of claim 1, wherein a direction of the vibration includes an element selected from at least one of: random, is multi-directional, axial, transverse and rotational.

7. (Original) The method of claim 1, wherein at least a major portion of the expansion device is subject to vibration.
8. (Withdrawn) The method of claim 1, wherein only a selected portion of the expansion device is subject to vibration.
9. (Original) The method of claim 8, wherein a surface portion of the device is subject to vibration.
10. (Original) The method of claim 1, wherein portions of the expansion device experience different forms of vibration.
11. (Withdrawn) The method of claim 1, wherein at least a substantial portion of the tubing is vibrated.
12. (Original) The method of claim 1, wherein only a selected portion of the tubing is vibrated.
13. (Original) The method of claim 12, wherein a portion of the tubing adjacent the expansion device is vibrated.
14. (Original) The method of claim 12, wherein a surface portion of the tubing is vibrated.
15. (Original) The method of claim 1, wherein the vibration induces physical movement of at least one of the expansion device and tubing.
16. (Withdrawn) The method of claim 1, wherein the vibration induces contraction and expansion of at least a portion of at least one of the expansion device and the tubing.

17. (Original) The method of claim 1, wherein the vibration takes the form of at least one wave traveling through at least one of the expansion device and the tubing.
18. (Original) The method of claim 1, wherein the vibration is created locally relative to the tubing being expanded.
19. (Withdrawn) The method of claim 1, wherein the vibration is created remotely of a tubing expansion location, and travels to the expansion location.
20. (Original) The method of claim 1, comprising creating the vibration with a moving mass.
21. (Previously Presented) The method of claim 1, comprising providing a varying restriction through at least one of the expansion device and the tubing.
- 22-25. (Cancelled)
26. (Original) The method of claim 1, comprising coupling a source of vibration to at least one of the expansion device and the tubing.
27. (Withdrawn) The method of claim 26, comprising directly coupling a source of vibration to at least one of the expansion device and the tubing.
28. (Original) The method of claim 26, comprising indirectly coupling a source of vibration to at least one of the expansion device and the tubing.
29. (Currently Amended) The method of claim 1, wherein an amplitude of the vibration is selected from at least one of substantially constant, varying and random amplitude.

30. (Currently Amended) The method of claim 1, wherein a frequency of the vibration is ~~selected from at least one of substantially constant, varying and random frequency.~~
31. (Currently Amended) The method of claim 1, wherein a form of the vibration is ~~selected from at least one of substantially constant, varying and random form.~~
32. (Original) The method of claim 1, wherein the vibration is of high frequency.
33. (Withdrawn) The method of claim 32, wherein the vibration is ultrasonic.
34. (Previously Presented) The method of claim 1, wherein a form of the vibration is selected such that the vibration is not apparent as physical movement.
35. (Withdrawn) The method of claim 1, wherein the vibration is induced electromagnetically.
36. (Withdrawn) The method of claim 1, wherein the vibration is of relatively low frequency.
37. (Previously Presented) The method of claim 36, wherein the vibration is in a range of 1 to 100 Hz.
38. (Original) The method of claim 1, wherein the vibration comprises a plurality of different components.
39. (Withdrawn) The method of claim 38, wherein the vibration comprises a low frequency component and a high frequency component.
40. (Withdrawn) The method of claim 1, wherein the vibration is selected to coincide with a natural frequency of at least one of the expansion device and the tubing.

41. (Currently Amended) The method of claim 1, wherein the vibration is selected to avoid a natural frequency of ~~at least one~~ of the expansion device [[and]] and/or the tubing.

42. (Cancelled).

43. (Original) The method of claim 1, comprising applying a mechanical driving force to translate the expansion device relative to the tubing.

44. (Previously Presented) The method of claim 43, wherein the mechanical driving force comprises at least one of a pulling, pushing and torsional force.

45. (Cancelled)

46. (Withdrawn) The method of claim 1, wherein the expansion device is in sliding contact with the tubing.

47. (Cancelled)

48. (Original) The method of claim 1, wherein the expansion device is translated axially relative to the tubing.

49. (Withdrawn) The method of claim 1, wherein the expansion device is translated rotationally relative to the tubing.

50. (Original) The method of claim 1, comprising expanding the tubing by creating localized compressive yield in the tubing wall.

51. (Previously Presented) The method of claim 1, comprising varying a diameter of the expansion device.

52. (Original) The method of claim 1, further comprising creating a pressure differential across a wall of the tubing.

53. (Original) The method of claim 52, wherein the pressure differential applied across the tubing wall is varied.

54. (Original) The method of claim 53, wherein the pressure differential is cycled.

55. (Original) The method of claim 1, comprising isolating a volume of fluid containing the expansion device.

56-81. (Cancelled)

82. (Previously Presented) A method of expanding tubing, the method comprising:

locating an expansion device in tubing to be expanded;
vibrating at least one of the tubing and the expansion device;
translating the expansion device relative to the tubing; and
creating the vibration with an electromagnetic oscillator.

83. (Previously Presented) A method of expanding tubing, the method comprising:

locating an expansion device in tubing to be expanded;
vibrating at least one of the tubing and the expansion device;
translating the expansion device relative to the tubing; and
creating the vibration by varying a pressure of fluid operatively associated with at least one of the device and the tubing.

84. (Previously Presented) A method of expanding tubing, the method comprising:

locating an expansion device in tubing to be expanded;
vibrating at least one of the tubing and the expansion device;
translating the expansion device relative to the tubing; and
creating the vibration by creating pressure pulses in a fluid operatively associated with at least one of the device and the tubing.

85. (Previously Presented) A method of expanding tubing, the method comprising:

locating an expansion device in tubing to be expanded;
vibrating at least one of the tubing and the expansion device;
translating the expansion device relative to the tubing; and
applying a fluid pressure driving force to translate the expansion device relative to the tubing.

86. (Previously Presented) A method of expanding tubing, the method comprising:

locating an expansion device in tubing to be expanded, wherein the expansion device is in rolling contact with the tubing;
vibrating at least one of the tubing and the expansion device; and
translating the expansion device relative to the tubing.

87-89. (Cancelled)

Please add the following new claims:

90. (New) The method of claim 1, further comprising inserting the tubing into a wellbore.

91. (New) The method of claim 90, wherein inserting the tubing into a wellbore occurs prior to translating the expansion device relative to the tubing.

92. (New) The method of claim 82, further comprising inserting the tubing into a wellbore.
93. (New) The method of claim 92, wherein inserting the tubing into a wellbore occurs prior to translating the expansion device relative to the tubing.
94. (New) The method of claim 93, wherein a driving force is applied to translate the expansion device through the tubing.
95. (New) The method of claim 4, wherein the driving force remains substantially constant as the expansion device is translated through the tubing.
96. (New) The method of claim 83, further comprising inserting the tubing into a wellbore.
97. (New) The method of claim 96, wherein inserting the tubing into a wellbore occurs prior to translating the expansion device relative to the tubing.
98. (New) The method of claim 97, wherein a driving force is applied to translate the expansion device through the tubing.
99. (New) The method of claim 98, wherein the driving force remains substantially constant as the expansion device is translated through the tubing.
100. (New) The method of claim 84, further comprising inserting the tubing into a wellbore.
101. (New) The method of claim 100, wherein inserting the tubing into a wellbore occurs prior to translating the expansion device relative to the tubing.

102. (New) The method of claim 101, wherein a driving force is applied to translate the expansion device through the tubing.
103. (New) The method of claim 102, wherein the driving force remains substantially constant as the expansion device is translated through the tubing.
104. (New) The method of claim 85, further comprising inserting the tubing into a wellbore.
105. (New) The method of claim 104, wherein inserting the tubing into a wellbore occurs prior to translating the expansion device relative to the tubing.
106. (New) The method of claim 105, wherein a driving force is applied to translate the expansion device through the tubing.
107. (New) The method of claim 106, wherein the driving force remains substantially constant as the expansion device is translated through the tubing.
108. (New) The method of claim 86, further comprising inserting the tubing into a wellbore.
109. (New) The method of claim 108, wherein inserting the tubing into a wellbore occurs prior to translating the expansion device relative to the tubing.
110. (New) The method of claim 109, wherein a driving force is applied to translate the expansion device through the tubing.
111. (New) The method of claim 110, wherein the driving force remains substantially constant as the expansion device is translated through the tubing.